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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Prof. Richard C. Willson III and Jason Murphy
Serial No.:**10/737,403**
Filed: 16 Dec.2003
For: **INTRODUCTION OF STRUCTURAL AFFINITY HANDLES AS A TOOL IN SELECTIVE NUCLEIC ACID SEPARATIONS**

Priority: 12 July 1999, Provis. 60/143, 768
Attorney Docket: ..009AUS

)Examiner Samuel C. WOOLWINE
) 571 272 1144
)Ex's fax: 571 273 1144
) Art Unit 1637

Response Due: None at present

INTERVIEW SUMMARY

37 CFR 1.181

Commissioner for Patents
Post Office Box 1450
Alexandria VA 22313-1450
Sir:

In respect to the Office Action and Form PTO-1432 faxed 20 September 2007, to Applicants' 20 January 2008 response and to the 6 February 2008 telephone interview helpfully granted to Applicants' Attorney and to Prof. Willson, an inventor, consideration of the following Remarks is requested.

The undersigned Attorney certifies that this Document has been sent to the Examiner in the U.S. Patent and Trademark Office via fax to ~~571 273 1144~~ 571 273 8300 addressed as above on ~~6 February 2008~~ 3 March 08 *(37 CFR 1.10).*

At the Interview, Claim 1 and its clarifying amendments were particularly discussed and the Claim was differentiated from each of the References of Record using the arguments of the above response. The correction of informalities in the claims was touched on. Examiner Woolwine helpfully estimated that he would prepare a further action in about two months. Examiner Woolwine is especially thanked for the interview.

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With reference to the argument on page 11 of Applicants' above response, the following evidence that SSAM is not enabled was found recently on the web:

"Single strand affinity matrix

Slavisa Gasic gslavisa at MARLIN.UTMB.EDU
Mon Nov 10 15:00:39 EST 1997

- Previous message: How to isolate mammalian cell cytoplasm?
- Next message: Plasmid Copy number Determination
- **Messages sorted by:** [date] [thread] [subject] [author]

Hi Netters

I have recently found an interesting reference for simple plasmid prep that yields transfection quality DNA in a single step. The reference use a gel-filtration media and a single strand affinity matrix (SSAM) to
remove RNA and bacterial DNA. This SSAM was produced by Clontech, but they do not carry it anymore and their technical help specialist did not know what was it. Does anybody have an idea what that stuff was? Did anybody use it? What could be used as an alternative, short of single-strand binding proteins? My guess is that SSAM is probably some kind of resin that binds strongly single-strand nucleic acids.

Regards

Slavisa Gasic, PhD.

- Previous message: How to isolate mammalian cell cytoplasm?
- Next message: Plasmid Copy number Determination
- **Messages sorted by:** [date] [thread] [subject] [author]

More information about the Methods mailing list"

With reference to the Willson patent application cited in the Form PTO 892, the original paper on this work has the citation: Murphy, J. C., Jewell, D. L., White, K. L., Fox, G. E., and Willson, R. C.,

"Nucleic Acid' Separations Utilizing Immobilized Metal Affinity Chromatography", Biotechnology Progress. 19: 982-986 (2003).

The Examiner is especially invited to indicate some allowable matter, and to telephone Applicants' Attorney if that would expedite prosecution and disposal of this Application.

Respectfully submitted,

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